

L Number	Hits	Search Text	DB	Time stamp
13	1	09/590,641	USPAT;	2004/08/31 10:27
18	2273488	paper or web or media or medium or sheet	US-PGPUB	2004/08/31 09:34
26	2611451	sensor or sensing or sense or sensed or detect or detector or detection or detected or detecting or photodetect\$ or optidetect\$	EPO; JPO;	2004/08/31 09:42
28	14	("4925121" "5281991" "5326182" "5352900" "5370049" "5393149" "5517915" "5743664" "6092940" "6099178" "6164851" "6179245" "6224276" "6250826").PN.	DERWENT	2004/08/31 10:44
29	19	6099178.URPN.	USPAT	2004/08/31 10:38
41	29	("4129855" "4247758" "4806958" "4880325" "5184152" "5185315" "5196846" "5268708" "5297881" "5305020" "5331338" "5342671" "5385416" "5426011" "5455617" "5491327" "5493385" "5513920" "5562352" "5565906" "5598201" "5600350" "5600352" "5620265" "5647679" "5661515" "5713288" "5755519" "5774639").PN.	USPAT	2004/08/31 10:34
42	2	jp-08273245-\$.did.	EPO; JPO;	2004/08/31 10:39
43	1	jp-03205174-\$.did.	DERWENT	2004/08/31 11:01
44	1	gb-2263467-\$.did.	EPO; JPO;	2004/08/31 10:40
45	2	ep-401036-\$.did.	DERWENT	2004/08/31 10:40
46	1	("4925121").PN.	EPO; JPO;	2004/08/31 10:45
47	1	("4171781").PN.	USPAT;	2004/08/31 10:51
48	1	("5071081").PN.	US-PGPUB	2004/08/31 10:56
49	14	("1645432" "1865908" "2350136" "2678781" "3227134" "3384314" "3563376" "3592407" "3606012" "4074875" "4489541" "4681231" "4694949" "4736579").PN.	USPAT;	2004/08/31 10:53
50	1	5071081.URPN.	USPAT	2004/08/31 10:55
51	158526	(speed or velocity or rotation or rpm or revolution) near2 (measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored)	EPO; JPO;	2004/08/31 10:57
52	68	(spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (speed or velocity or rotation or rpm or revolution) near2 (measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored)	DERWENT	2004/08/31 12:54
53	1	jp-05016499-\$.did.	EPO; JPO;	2004/08/31 11:12
55	2	jp-2002160854-\$.did.	DERWENT	2004/08/31 11:25
56	2	jp-2002154244-\$.did.	EPO; JPO;	2004/08/31 12:36
57	1	("5003333").PN.	DERWENT	2004/08/31 11:17
58	2	jp-63262365-\$.did.	USPAT;	2004/08/31 11:30
59	119	(spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (remnant residual)	US-PGPUB	2004/08/31 11:28

((spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (remnant residual)) not
(((JP-10329992-\$.did. JP-09206830-\$.did.

EPO; JPO;
DERWENT

JP-09175738-\$.did.
JP-09097711-\$.did.
JP-08039144-\$.did.
JP-08001239-\$.did.
JP-3018823-\$.did.
JP-07267503-\$.did.
JP-07247056-\$.did.
JP-07030256-\$.did.
JP-07019272-\$.did.
JP-07069534-\$.did.
JP-07053134-\$.did.
JP-07009870-\$.did.
JP-07004469-\$.did.
JP-06086809-\$.did.
JP-06316381-\$.did.
JP-06312886-\$.did.
JP-06078365-\$.did.
JP-06285564-\$.did.
JP-06285543-\$.did.
JP-06285542-\$.did.
JP-06063558-\$.did.
JP-06061877-\$.did.
JP-06061308-\$.did.
JP-06208027-\$.did.
JP-06206669-\$.did.
JP-06206668-\$.did.
JP-06053571-\$.did.
JP-06053549-\$.did.
JP-06049461-\$.did.
JP-06045965-\$.did.
JP-06156881-\$.did.
JP-06144714-\$.did.
JP-06036853-\$.did.
JP-06029709-\$.did.
JP-06087023-\$.did.
JP-06087022-\$.did.
JP-06087021-\$.did.
JP-06018368-\$.did.
JP-06018365-\$.did.
JP-06018363-\$.did.
JP-06047442-\$.did.
JP-06014177-\$.did.
JP-06014175-\$.did.
JP-06031337-\$.did.
JP-06031336-\$.did.
JP-06010264-\$.did.
JP-06010262-\$.did.
JP-06008369-\$.did.
JP-06016341-\$.did.
JP-06016340-\$.did.
JP-06016338-\$.did.
JP-06015357-\$.did.
JP-05321965-\$.did.
JP-05088705-\$.did.
JP-05301683-\$.did.
JP-05270742-\$.did.
JP-05261436-\$.did.
JP-05254736-\$.did.
JP-05072867-\$.did.
JP-05068996-\$.did.
JP-05229742-\$.did.
JP-05229739-\$.did.
JP-05178539-\$.did.

61	113	((spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (remnant residual)) not ((spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (speed or velocity or rotation or rpm or revolution) near2 (measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored))	EPO; JPO; DERWENT	2004/08/31 11:29
62	204	NAMEKATA-SEIICHI.in.	EPO; JPO; DERWENT	2004/08/31 11:29
63	237543	b65h\$.ipc. or b65h\$.epc.	EPO; JPO; DERWENT	2004/08/31 12:45
64	338078	b41j\$.ipc. or b41j\$.epc.	EPO; JPO; DERWENT	2004/08/31 11:29
65	550365	(b65h\$.ipc. or b65h\$.epc.) or (b41j\$.ipc. or b41j\$.epc.)	EPO; JPO; DERWENT	2004/08/31 11:29
66	88	NAMEKATA-SEIICHI.in. and ((b65h\$.ipc. or b65h\$.epc.) or (b41j\$.ipc. or b41j\$.epc.))	EPO; JPO; DERWENT	2004/08/31 12:45
67	1	jp-11325966-\$.did.	EPO; JPO; DERWENT	2004/08/31 11:31
68	1	jp-11099717-\$.did.	EPO; JPO; DERWENT	2004/08/31 11:35
69	80	SUZUKI-TATSUMA.in.	EPO; JPO; DERWENT	2004/08/31 11:34
70	1	jp-11322199-\$.did.	EPO; JPO; DERWENT	2004/08/31 11:37
71	1	jp-11310358-\$.did.	EPO; JPO; DERWENT	2004/08/31 11:38
72	1	jp-11130310-\$.did.	EPO; JPO; DERWENT	2004/08/31 11:38
73	2	jp-63134457-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:06
75	398	b65h026/08.ipc. or b65h026/08.epc.	EPO; JPO; DERWENT	2004/08/31 13:15
76	387	(b65h026/06.ipc. or b65h026/06.epc.) not (((spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (remnant residual)) not ((spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (speed or velocity or rotation or rpm or revolution) near2 (measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored)))	EPO; JPO; DERWENT	2004/08/31 12:53
77	0	MARUYAMA-MASAHIDE.did.	USPAT; US-PGPUB	2004/08/31 13:15
78	3	MARUYAMA-MASAHIDE.in.	USPAT; US-PGPUB	2004/08/31 12:53
80	201320	400/\$.ccls. or 101/\$.ccls. or 399/\$.ccls. or 347/\$.ccls. or 242/\$.ccls. or 226/\$.ccls.	USPAT; US-PGPUB	2004/08/31 12:54
81	1	jp-04094359-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:06
79	64	(spool or reel or shaft or bobbin or mandrel or roll) near1 (paper or media or medium or sheet or web or substrate) near3 (speed or velocity or rotation or rpm or revolution) near2 (measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored)	USPAT; US-PGPUB	2004/08/31 13:33
82	13	("3257086" "3898436" "4114830" "4199118" "4286757" "4844371" "5234177" "5469869" "5470300" "5503349" "5678393" "5875610" "5967445").PN.	USPAT	2004/08/31 13:13
83	13	("3257086" "3396919" "3898436" "4114830" "4199118" "4286757" "4697408" "4844371" "5234177" "5469869" "5502358" "5503349" "5709347").PN.	USPAT	2004/08/31 13:13
84	2	ep-608785-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:15
85	81720	de-41 jp-62286789-\$.did. "679" -\$.did.	EPO; JPO; DERWENT	2004/08/31 13:15

86	2	de-4130679-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:16
87	2	jp-61211263-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:57
88	1	jp-04135546-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:16
89	0	jp-03-198916-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:16
90	1	jp-03198916-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:17
91	2	jp-01266916-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:17
92	1	jp-01166818-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:17
93	1	jp-63060857-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:18
94	1	jp-05338883-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:18
95	4	5967445.URPN.	USPAT	2004/08/31 13:18
96	2	6301862.URPN.	USPAT	2004/08/31 13:19
97	102	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior)	EPO; JPO; DERWENT	2004/08/31 13:35
98	2	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	EPO; JPO; DERWENT	2004/08/31 13:44
99	6	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	USPAT; US-PGPUB	2004/08/31 13:38
100	1	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	USOCR	2004/08/31 13:38
101	0	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	IBM_TDB	2004/08/31 13:39
102	0	(scan scanning scanned read reading) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	IBM_TDB	2004/08/31 13:39
103	1	(scan scanning scanned read reading) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	EPO; JPO; DERWENT	2004/08/31 13:39
104	2	(scan scanning scanned read reading) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	USPAT; US-PGPUB	2004/08/31 13:40
105	0	(scan scanning scanned read reading) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	IBM_TDB	2004/08/31 13:40
106	2	(scan scanning scanned read reading) near2 (mark or marking or indicia or indicium or code or barcode) near3 (inner or inside or interior) near2 (mandrel journal tube roll spool reel hub core)	USOCR	2004/08/31 13:43
107	9011	(242/590-614.1).CCLS.	USPAT; US-PGPUB	2004/08/31 13:43
108	39816	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode)	EPO; JPO; DERWENT	2004/08/31 13:45

109	57000	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode)	USPAT; US-PGPUB	2004/08/31 13:45
110	0	((measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode)) and ((measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode))	USPAT; US-PGPUB	2004/08/31 13:45
111	57000	(measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode)	USPAT; US-PGPUB	2004/08/31 13:45
112	25	((242/590-614.1).CCLS.) and ((measure or sensor or detector or photodetector or senses or sensed or sensing or detect or detected or detecting or detection or monitor or measuring or measured or monitoring or monitored) near2 (mark or marking or indicia or indicium or code or barcode))	USPAT; US-PGPUB	2004/08/31 13:45
113	1	jp-07008372-\$.did.	EPO; JPO; DERWENT	2004/08/31 13:58
114	0	jp-07008372-U.did.	EPO; JPO; DERWENT	2004/08/31 15:44
74	400	b65h026/06.ipc. or b65h026/06.epc.	EPO; JPO; DERWENT	2004/08/31 15:09
115	39	(mark or marking or indicia or indicum or code or barcode) near2 (inner or inside or interior) near1 (core or mandrel or spool or reel or hub or journal or tube or spindle)	EPO; JPO; DERWENT	2004/08/31 15:15
116	1	("5807001").PN.	USPAT; US-PGPUB	2004/08/31 15:13
117	3	5807001.URPN.	USPAT	2004/08/31 15:13
118	8	("0879159" "2937818" "3718290" "3894507" "3913200" "4479730" "5370332" "5492422").PN.	USPAT	2004/08/31 15:13
119	52	(mark or marking or indicia or indicum or code or barcode) near2 (inner or inside or interior) near1 (core or mandrel or spool or reel or hub or journal or tube or spindle)	USPAT; US-PGPUB	2004/08/31 15:15
120	4	("4620184" "5033623" "5691919" "5769353").PN.	USPAT	2004/08/31 15:40
121	1	6334587.URPN.	USPAT	2004/08/31 15:43
122	2	ep-597184-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:44
123	0	ep-459668-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:44
124	2	ep-459668-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:45
125	2	de-4421485-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:45
126	2	de-4005548-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:47
127	0	de-3816800-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:47
128	1	de-3816800-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:53
129	1	("5268581").PN.	USPAT; US-PGPUB	2004/08/31 15:54
130	2	("3931524" "4463251").PN.	USPAT	2004/08/31 15:54
131	1	5268581.URPN.	USPAT	2004/08/31 15:54
132	2	fr-2670927-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:55
133	2	jp-59182246-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:55
134	1	jp-59182146-\$.did.	EPO; JPO; DERWENT	2004/08/31 15:56

135	1	jp-01297266-\$.did.	EPO; JPO;	2004/08/31 15:57
136	1	jp-02265855-\$.did.	DERWENT	2004/08/31 16:33
137	1	("4463251").PN.	EPO; JPO;	2004/08/31 16:17
138	11	("3600556" "3643068" "3931524" "3978317" "3988573" "4057784" "4192452" "4193540" "4224509" "4250405" "4333006").PN.	USPAT;	2004/08/31 15:58
139	9	4463251.URPN.	US-PGPUB	2004/08/31 15:59
140	1	("5268581").PN.	USPAT	2004/08/31 16:17
141	32408	(notch or groove or cutout or cut-out or gap) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)	US-PGPUB	2004/08/31 16:39
142	10797	(notch or groove or cutout or cut-out or gap) near2 (sens\$ or detect\$)	EPO; JPO;	2004/08/31 16:35
143	437	((notch or groove or cutout or cut-out or gap) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)) and ((notch or groove or cutout or cut-out or gap) near2 (sens\$ or detect\$))	DERWENT	2004/08/31 16:35
144	181206	(rotat\$ or velocity or speed or rate or residual or remnant or rpm or revolution) near2 (sens\$ or detect\$)	EPO; JPO;	2004/08/31 16:35
145	46	((notch or groove or cutout or cut-out or gap) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)) and ((notch or groove or cutout or cut-out or gap) near2 (sens\$ or detect\$)) and ((rotat\$ or velocity or speed or rate or residual or remnant or rpm or revolution) near2 (sens\$ or detect\$))	DERWENT	2004/08/31 16:35
146	237543	b65h\$.ipc. or b65h\$.epc.	EPO; JPO;	2004/08/31 16:55
147	1412	((notch or groove or cutout or cut-out or gap) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)) and (b65h\$.ipc. or b65h\$.epc.)	DERWENT	2004/08/31 16:38
148	20541	(notch or groove or cutout or cut-out) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)	EPO; JPO;	2004/08/31 16:39
149	962	((notch or groove or cutout or cut-out or gap) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)) and (b65h\$.ipc. or b65h\$.epc.) and ((notch or groove or cutout or cut-out) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft))	DERWENT	2004/08/31 16:38
150	5	((notch or groove or cutout or cut-out or gap) near2 (sens\$ or detect\$)) and (((notch or groove or cutout or cut-out or gap) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)) and (b65h\$.ipc. or b65h\$.epc.)) and ((notch or groove or cutout or cut-out) near2 (spool or spindle or hub or journal or mandrel or reel or roll bobbin shaft)))	EPO; JPO;	2004/08/31 16:43
151	750542	notch or groove or cutout or cut-out	DERWENT	2004/08/31 16:39
152	29	b65026/06.ipc. or b65h026/06.epc. b65026/08.ipc. or b65h026/08.epc.	EPO; JPO;	2004/08/31 16:40
153	784	b65H026/06.ipc. or b65h026/06.epc. b65H026/08.ipc. or b65h026/08.epc.	DERWENT	2004/08/31 16:40
154	9	(notch or groove or cutout or cut-out) and (b65H026/06.ipc. or b65h026/06.epc. b65H026/08.ipc. or b65h026/08.epc.)	EPO; JPO;	2004/08/31 16:40
155	340	((notch or groove or cutout or cut-out or gap) near2 (sens\$ or detect\$)) and (b65h\$.ipc. or b65h\$.epc.)	DERWENT	2004/08/31 16:43
156	340	((notch or groove or cutout or cut-out or gap) near2 (sens\$ or detect\$)) and (b65h\$.ipc. or b65h\$.epc.) not ((notch or groove or cutout or cut-out) and (b65H026/06.ipc. or b65h026/06.epc. b65H026/08.ipc. or b65h026/08.epc.))	EPO; JPO;	2004/08/31 16:47
157	418	(242/118.4).CCLS.	DERWENT	2004/08/31 16:52
158	0	("(weborpaperormedia)near1(rollorspoolorreelorspindleorhub)").PN.	USPAT;	2004/08/31 16:48
159	19865	(web paper media) near1 (roll spool reel spindle hub)	US-PGPUB	2004/08/31 16:49
160	3	((242/118.4).CCLS.) and ((web paper media) near1 (roll spool reel spindle hub))	USPAT;	2004/08/31 16:49
161	406465	printer printing image near1 (recording or forming or recorder) or 400/\$.ccls. or 347/\$.ccls.	US-PGPUB	2004/08/31 16:50

162	4	((242/118.4).CCLS.) and (printer printing image near1 (recording or forming or recorder) or 400/\$.ccls. or 347/\$.ccls.)	USPAT; US-PGPUB	2004/08/31 16:50
163	12	((242/118.4).CCLS.) and paper	USPAT; US-PGPUB	2004/08/31 16:50
164	261	(242/118.8).CCLS.	USPAT; US-PGPUB	2004/08/31 16:54
165	65	(242/579).CCLS.	USPAT; US-PGPUB	2004/08/31 16:54
166	3383	b65h067/06.ipc. or b65h067/06.epc.	EPO; JPO; DERWENT	2004/08/31 16:55
167	3854461	flange or guide or end or cap	EPO; JPO; DERWENT	2004/08/31 16:56
168	1424	(b65h067/06.ipc. or b65h067/06.epc.) and (flange or guide or end or cap)	EPO; JPO; DERWENT	2004/08/31 16:56
169	1468214	spindle or core or tube	EPO; JPO; DERWENT	2004/08/31 16:58
170	410	((b65h067/06.ipc. or b65h067/06.epc.) and (flange or guide or end or cap)) and (spindle or core or tube)	EPO; JPO; DERWENT	2004/08/31 16:57
171	338078	b41j\$.ipc. b41j\$.epc.	EPO; JPO; DERWENT	2004/08/31 16:58
172	0	((b65h067/06.ipc. or b65h067/06.epc.) and (flange or guide or end or cap)) and (spindle or core or tube)) and (b41j\$.ipc. b41j\$.epc.)	EPO; JPO; DERWENT	2004/08/31 16:57
173	0	(b65h067/06.ipc. or b65h067/06.epc.) and (b41j\$.ipc. b41j\$.epc.)	EPO; JPO; DERWENT	2004/08/31 16:57
174	8938	(b41j\$.ipc. b41j\$.epc.) and (spindle or core or tube)	EPO; JPO; DERWENT	2004/08/31 16:58
175	50991	(spindle or core or tube) near3 (paper or media or web or tape or sheet or medium or substrate)	EPO; JPO; DERWENT	2004/08/31 16:58
176	745	((b41j\$.ipc. b41j\$.epc.) and (spindle or core or tube)) and ((spindle or core or tube) near3 (paper or media or web or tape or sheet or medium or substrate))	EPO; JPO; DERWENT	2004/08/31 16:59